

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			NEW RELEASE	12/01'24	Derek

3D VIEW

ORDERING INFORMATION

FDS1020D - XX (XX R)

1 2 3 4

1 PRODUCT SERIES:
FPC/FFC CONN- Drawer type
Pitch 1.0mm / Height 2.0mm
Sub contact / SMT Type.

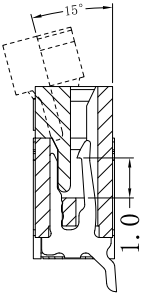
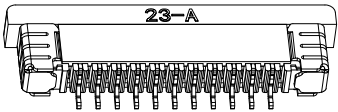
2 PIN NO.:
See DIM. Table

3 PLATING:
00 : Tin plated
01 : G/F plated

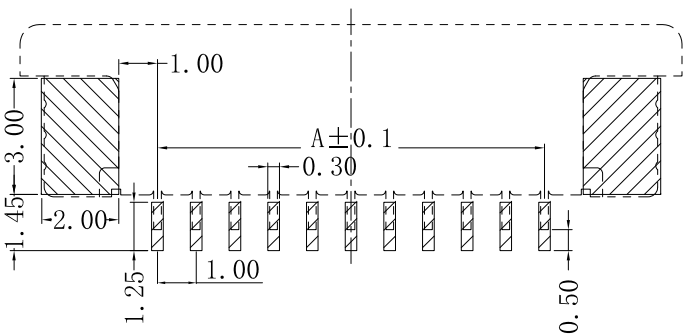
4 PACKING:
R : Reel

CUSTOMER DRAWING

RoHS Compliant



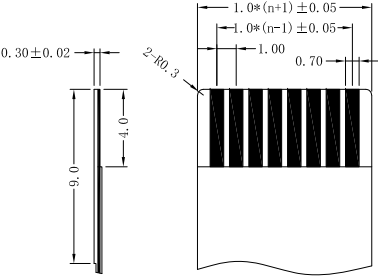
SECTION A-A



RECOMMENDED P.C.B LAYOUT
GENERAL TOLERANCE: ±0.05

DIMENSION TABLE.

PIN NO	A	B	C	D
02	1.00	3.10	6.85	8.15
03	2.00	4.10	7.85	9.15
04	3.00	5.10	8.85	10.15
05	4.00	6.10	9.85	11.15
06	5.00	7.10	10.85	12.15
07	6.00	8.10	11.85	13.15
08	7.00	9.10	12.85	14.15
09	8.00	10.10	13.85	15.15
10	9.00	11.10	14.85	16.15
11	10.00	12.10	15.85	17.15
12	11.00	13.10	16.85	18.15
13	12.00	14.10	17.85	19.15
14	13.00	15.10	18.85	20.15
15	14.00	16.10	19.85	21.15
16	15.00	17.10	20.85	22.15
17	16.00	18.10	21.85	23.15
18	17.00	19.10	22.85	24.15
19	18.00	20.10	23.85	25.15
20	19.00	21.10	24.85	26.15
21	20.00	22.10	25.85	27.15
22	21.00	23.10	26.85	28.15
23	22.00	24.10	27.85	29.15
24	23.00	25.10	28.85	30.15
25	24.00	26.10	29.85	31.15
26	25.00	27.10	30.85	32.15
27	26.00	28.10	31.85	33.15
28	27.00	29.10	32.85	34.15
29	28.00	30.10	33.85	35.15



RECOMMENDED FPC/FFC DIMENSION

NOTES:

- 1.Material
1.1: Housing: High Temperature plastic,UL94V-0.
1.2: Actuator: High Temperature plastic,UL94V-0.
1.3: Contact: Copper Alloy.
1.4: Fit: Copper Alloy.
- 2.Plating
2.1: Contact: Tin or Gold on contact area, over Nickel under-plated overall.
2.2: Fit: Tin over Nickel under-plated overall.

SUNFUN			SUNFUN TECHNOLOGY LTD			
DRAW NO.	FDS1020D(A0)	DATE	MATERIAL:	SEE NOTES	DRAW NAME:	
DESIGN:	Derek	12/01'24	FINISH:	SEE NOTES	FPC CONN- Drawer type Pitch 1.0mm / Height 2.0mm Sub contact / SMT Type.	
CHECK:	Derek	12/01'24	FILE:	FDS1020D(A0)	MODEL: P1.0 FPC CONN	
REVIEW:	Eric	12/01'24	P/N:	FDS1020D-XX(XXR)	UNIT:	SHEET:
APPROVED	Eric	12/01'24	REV.	A0	SCALE	1/1

DIM	TOL
X	±0.25
X.X	±0.20
X.XX	±0.10
X.XXX	±0.05